

**METHOD AND SYSTEM OF MARKING A TEXT DOCUMENT
WITH A PATTERN OF EXTRA BLANKS
FOR AUTHENTICATION**

Abstract

5 The invention discloses how a text document can be marked
through the insertion of inter-word blank characters for the
purpose of becoming authenticateable. First, text to be marked
is edited so as to obtain a canonical form of it conforming to
a model. Then, from this canonical form of the text and a
secret-key used as inputs, a unique combination of inter-word
blank characters positions is computed in which extra blanks
are inserted thus, obtaining a marked text document. Authentici-
cation of a received marked text document is performed by a
recipient, sharing the secret-key, further comparing the
received text document to the marked text document so that if
they are matching exactly the received text document is
accepted as authentic or rejected as fake if not. The inven-
tion allows to merge the information necessary to authenticate
a text document into the body of the document itself which
works as well on soft-copy and hard-copy text documents.

Figure 1.